USCMS Engineer Status Report for December 2003

Michael Case

January 21, 2004

1   Work Performed This Month

Days off: Dec. 24, 25, 29, 30, 31
DDD:
   All of the changes to the Parser for the next DDD (COBRA 7.6.0) release were nearly complete by the end of December. I made some changes so that backward compatibility would not be broken for most things including leaving the Rotation element the same as always and introducing a new element, RotationByAxis which can be placed alone or in a RotationSequence. All others of the new elements should be functional.
Conditions DB:
   No action.
User Support:
   Helped students run the latest version of CMKIN for practice generating particles.

2   Status of Deliverables

The COBRA 7.6.0 DDD parser is complete and in testing (by me).

3   Plans For Next Month

DDD:

Make a parser tester that I can easily use when making minor or major changes to the XML.

Conditions DB:

Re-investigate how to get involved with these efforts. Unfortunately there are enough people interested and not enough work for all of them. Also, unfortunately, most of the effort is at CERN and it is somewhat difficult to get off the ground with this. I will continue my efforts to be involved.

User Support:

Continue to work with students and on the cluster as time allows.

4 Longer Term Plans

DDD:

Look at the current status of the elements like Numeric, String, Vector, Map and make sure that they are usable in any element which might be able to use such parameters.

Conditions DB:

Continue to work as much as possible with those involved in design and implementation of the Conditions Database for CMS.

User Support

Continue to work with students. Install CMS software on the UC Davis CMS Cluster.